CSIS

TL6716

Trg: 2 sqns: 7 HAL HJT-16 *Kiran*, 2 BAe *Sea Hawk* FB-5, 10 BN-2 *Islander* ac; 4 Hughes 300 hel.
Other ac incl: 5 *Alizé* 1050, 4 *Sea King*.
(On order: 4 Sov F-class, 2 Type-1500 subs, 1 ASW carrier, 3 *Kashin* GW destroyers, 1 *Godavari* FFG (1986), 3 *Nanuchka*, 5 *Tarantul* corvettes, 4 *Natya* MCMV, 4 *Polnocny* CLCT, 1 survey ship, *Exocet* SSM; 10 *Sea Harrier* Mk 51, 1 T-60; 3–5 Tu-142M *Bear* MR, 24 Dornier Do-228 MR ac; 12 *Sea King* Mk 42B ASW hel; *Sea Eagle* SSM; *Exocet* AM-39 ASM.)

AIR FORCE: 113,000; combat: 728 ac; some 60 hel.
5 Air Commands.
Bbrs: 3 sqns (1 maritime role):
35 BAe *Canberra* B(I)58/B(I)12 (to be replaced), 18 Sepecat *Jaguar*.
FGA: 11 sqns:
2 with some 24 Dassault *Mirage* 2000H;
2 with 50 *Jaguar* GR-1, 6 T-2;
1 with 18 HAL HF-24 *Marut* (Mikoyan-Guryevich MiG-23BN to replace);
3 with 72 MiG-23BN *Flogger* H;
2 with some 24 MiG-27 *Flogger* D/J.
(1 with some 10 BAe *Hunter* F-56A non-operational — exhibition ac only; *Jaguar* to replace);
AD: 20 sqns:
2 with 45 MiG-23MF *Flogger* B;
14 with 259 MiG-21/FL/PFMA/-MF/bis;
4 with 72 HAL *Ajeet*.
Air Defence Ground Environment System.
Recce: 2 sqns:
1 with 8 *Canberra* PR-57, 4 BAe/HS-748;
1 with 7 MiG-25R, 1 MiG-25U.
Tpt: ac: 11 sqns:
5 with 93 Antonov An-32 *Sutlej*;
2 with 30 An-12B;
2 with 20 DHC-3 *Otter*;
1 with 16 DHC-4 *Caribou*;
2 with 28 HS-748, 2 Boeing 737-248 (leased), 3 Ilyushin Il-76 *Gajraj*;
hel: 6 sqns with 72 Mil Mi-8/-17.
Comms: 1 HQ sqn with 7 BAe/HS-748M.
Liaison ac flts and dets: 16 HS-748, C-47 (Douglas DC-3).
Liaison hel: 7 sqns (army-assigned).
3 with 99 SA-316B *Chetak* (*Alouette* III);
4 with 60 SA-315B *Cheetah* (*Lama*); some with 4 AS-11B ATGW.
Trg Comd: 3 trg and conversion sqns:
11 *Canberra* T-4/-13/-67, 25 *Hunter* T-66, 40 MiG-21/U, 13 MiG-23UM *Flogger* C/L; 5 *Jaguar*, 7 *Mirage* 2000H, 60 HT-2, 83 *Kiran*, 15 *Marut* Mk 1T, some 20 HAL HPT-32 (replacing HT-2), 44 PZL TS-11 *Iskra*, 27 BAe/HS-748 ac; 20 *Chetak* hel.

AAM: R-23R/T *Apex*, R-60 *Aphid*, R-550 *Magic*, AA-2 *Atoll*.
ASM: AS-30; AS-11B (ATGW), AS-7 *Kerry* (with MiG-27).
SAM: 30 bns: 280 *Divina* V75SM/VK (SA-2), SA-3.
(On order: some 40 MiG-29, some 18 Dassault *Mirage* 2000H, 31 *Jaguar* (to be locally assembled), some 165 MiG-27M, MiG-21bis ftrs; 69 An-32, some 17 Il-76, 116 Do-228 tpts; 90 *Kiran* Mk 2, some 120 HPT-32 trg ac; 6 SA-365 *Dauphin*, 21 Westland W-30, Mi-17, 10 Mi-26, 45 *Chetak* hel; R-23R *Apex*, R-60 *Aphid* AAM.)

PARA-MILITARY:
National Security Force: 112,000.
Border Security Force: 90,000; some 90 bns, small arms, some lt arty, tpt/liaison air spt.
Assam Rifles: 37,000.
Indo-Tibetan Border Police: 14,000.
Coastguard 2,000; 2 Br Type 14 frigates, patrol vessels (2 P-957 offshore, 2 SDB-2 fast, 19 inshore); 2 air sqns with 2 Fokker F-27, 5 BN-2 *Defender* ac, 4 *Chetak* hel.
(On order: 1 offshore, 3 inshore defence patrol vessels, 9 lt tpt ac, 6 hel.)

INDONESIA

GDP	1983/4: Rp 73,698.0 bn ($74.942 bn)	
	1984/5: Rp 85,914.0 bn ($81.862 bn)	
growth	1983/4: 4.2%	1984/5: 2.8%
Inflation	1984: 10.4%	1985: 4.7%
Debt	1984: $31.0 bn	1985ε: $37.4 bn
Def bdgt	1985/6: Rp 2,600.0 bn ($2.321 bn)	
	1986/7: Rp 2,318.0 bn ($2.048 bn)	
FMA	1984/5: $58.0 m.	1985/6: $55.0 m
$1 = Rp	(1983/4): 983.4	(1984/5): 1,049.5
	(1985/6): 1,120.2	(1986): 1,132.0

Rs = rupiahs

Population: 163,924,000

	18–30	*31–45*
Men:	18,152,000	12,763,000
Women:	19,278,000	13,485,000

TOTAL ARMED FORCES:
Regular: 281,000.
Terms of service: conscription, 2 years selective.
Reserves: 800,000: Army (planned): cadre units; numbers, strengths unknown, obligation to age 45 for officers.

ARMY: 216,000.
10 Military Area Commands (reorg 1985/6).

2 inf divs (KOSTRAD).
1 armd cav bde (–) (2 cav bns, spt units).
3 inf bdes (9 bns).
2 AB inf bdes (6 bns).
2 fd arty regts (6 bns).
1 AA arty regt (2 bns).
1 fd engr regt (2 bns).
4 special warfare gps.
8 indep cav bns.
63 indep inf bns (under Military Province Commands (KOREM)).
4 indep AB inf bns.
7 indep fd arty bns.
6 indep AA arty bns; 4 indep btys.
4 construction engr bns.
Fd engrs: 6 indep bns; 10 indep dets.
Army Avn: 1 composite sqn; 1 hel sqn.
Equipment:
Tks: lt: some 195 AMX-13, 41 PT-76.
AFV: recce: 56 *Saladin*, 58 *Ferret*. MICV: 200 AMX-VCI. APC: 56 *Saracen*, 60 V-150 *Commando*, 80 BTR-40, 24 BTR-152.
Arty: guns/how: 76mm: some 30 M-1938 pack; 105mm: 170 M-101.
mor: 81/82mm: 480; 120mm: M-43.
ATK: RCL: 90mm: 480 M-67; 106mm: M-40.
AD: guns: 20mm: 20; 40mm: 90 M-1; 57mm: 200 S-60. SAM: RBS-70, *Rapier*.
Avn: 8 NC-212 *Aviocar*, 2 Rockwell *Aero Commander* 680, 1 Beech *Super*-18 ac; 16 Bell 205, 4 SA-316B *Alouette* III, 16 MBB BO-105 hel.
Amph: LST: 1; LCU: 20 300-ton.
Marine spt: 14 tpts.
(On order: 6 Bell 212, AS-332 *Super Puma* hel; *Rapier* SAM.)

DEPLOYMENT: E. Timor: 15,000; 20 inf bns.

NAVY: 38,000 incl naval air and marines.
Bases: Jakarta-Tanjung Priok (HQ), Surabaya (HQ), Belawan, Bintan, Ujung Pandang (to be HQ), Ambon.
2 Fleets.
Subs: 2 *Cakra* (Type-1300); 1 W-class (trg, non-operational).
Frigates: 13:
4 GW with 4 *Exocet* MM-38 SSM:
3 *Fatahillah* (1 with 1 Westland *Wasp* hel);
1 *Hadjar Dewartana* (Yug; trg, 1 hel);
3 Br *Tribal* with 2 quad *Seacat*, 1 *Wasp* hel;
4 US *Jones*;
2 Sov *Riga*.
FAC(G): 4 PSMM-5 *Mandau* (*Dagger*) with 4 *Exocet* SSM.
FAC(T): 2 *Beruang* (Lürssen TNC-45).
FAC(P): 2 *Andau* (Lürssen PB-57).
Patrol vessels: 31:
3 *Pandorong* (Sov *Kronshtadt* (?2 in reserve)), 1 *Hiu* (US PC-461), 3 *Layang* (Yug *Kraljevica*), 8 *Sibarau* (Aus *Attack*), 2 *Kelabang*, 4 US PGM-39, 1 *Jalasena*, 2 *Akabri*, 1 *Komar* (no msls), 6 *Samadar* (Aus *Carpentaria*) coastal(, 3 *Jetfoil* 429 hydrofoil.
Minesweepers: 2 *Pulau Rani* (Sov T-43) ocean.
Comd/spt ships: 2.
Amph: LST: 12 (4 with up to 3 hel); LCU: 5; LCM: 38, 20 LCVP.
Spt: 19: 4 cargo ships, 4 tankers (3 harbour), 2 tpts, 2 repair, 2 trg ships, 3 survey, 1 sub tender, 1 auxiliary.

NAVAL AIR: (1,000); combat: 17 ac, 12 hel.
ASW: 10 Westland *Wasp*, 2 AS-332 *Super Puma* hel.
MR: 17: 11 GAF N-24 *Searchmaster* B, 6 N-24 *Searchmaster* L.
Other: ac: incl 6 C-47 (Douglas DC-3), 4 NC-212 *Aviocar*, 2 Rockwell *Aero Commander*;
hel: 2 AS-332F *Super Puma*, 1 SA-318C *Alouette* II, 4 MBB BO-105.

MARINES: (12,000)
3 regts: 2 inf (each 6 bns), 1 combat spt, 1 admin spt, 1 trg.
Equipment:
Tks: lt: 30 PT-76.
AFV: MICV: 40 AMX-10 PAC-90.
APC: 57 incl 25 AMX-10P, BTR-50P.
Arty: how: 122mm: 40 M-38.
MRL: 140mm: BM-14.
AD: guns: 40mm, 57mm.
(On order: 1 Type-1300 sub, 2 Neth *Van Speijk* frigates, 4 PSMM-5 FAC(G), 6 PB-57 FAC, 1 Aus *Attack* patrol, 2 Tripartite (*Alkmaar*) MCMV, 1 *Jetfoil* 429 patrol boat,* 30 patrol launches; 1 survey ship; 18 NC-235 tpt ac; some 20 *Super Puma* hel,* *Harpoon* SSM.)

AIR FORCE: 27,000; 84 combat aircraft.
2 Air Operations Areas:
FGA: 2 sqns: 32 McDonnell-Douglas *Skyhawk* A-4 (30 -4E, 2 TA-4H).
Interceptors: 1 sqn with 15 Northrop F-5 (11 -E, 4 -F).
COIN: 1 sqn with 13 OV-10F *Bronco*.
MR: 1 sqn with 3 Boeing 737-200, 5 HU-16 *Albatross*.
Tpt: 4 sqns:
2 with 21 C-130B/H/HS, 1 L-100-30;
2 with 1 C-140 *Jetstar*, 7 C-47 (Douglas DC-3), 1 SC-7 *Skyvan*, 9 Fokker (1 F-28, 8 F-27), 5 NC-212A4, 1 Boeing 707, 12 Cessna 207/401/402.
Hel: 3 sqns:
1 with 9 Sikorsky S-58 (UH-34T);
2 with 5 Bell 204B, 12 SA-330L *Puma*, 12 Hughes 500; 6 Nurtanio-MBB NBO-105 (with Forestry).
Trg: 3 sqns: 16 BAe *Hawk* T-53, 15 Beech T-34C1, 20 AS-202 *Bravo* ac; 12 Bell 47G hel.

Quick Reaction Forces:
5 COIN bns.
Spt vessels: 6: 600-ton RoRo cargo ships.

(On order: 8 General Dynamics F-16 FGA; 8 NC-212-200, 32 NC-235, 3 *Transall* C-160 tpt ac; NBO-105, SA-332 *Super Puma*, Bell 412, MBB BK-117 hel.)

Other HQ:
KOSTRAD - Strategic Reserve Command: (16,500—19,000 men); main national force under direct control of the Commander of the Armed Forces; 2 divs, cav bde, special force gps, spt arms and services.
KOPKAMTIB - Command for the Restoration of Order and Security; no forces assigned.
KOPPASSANDHA - Special Forces Command: 4,000; 4 special para/cdo gps.

PARA-MILITARY:
Department of Defence and Security Police mobile bde org in coys: 12,000; 2 BO-105 hel.
Militia, about 70,000.
Coastguard; many small patrol boats.
Customs; 12 28-metre, 8 57-metre Lürssen patrol boats (12 FPB-38 on order).
Civil Defence Force (millions registered).
Maritime Security Agency: 6 patrol boats. Police Patrol craft incl 15 armed DKN 140-ton.
Sea Communications (Transport Ministry): 9 SAR craft.

OPPOSITION
Revolutionary Front for an Independent East Timor (FRETLIN): some 1,500; small arms.
Free Papua Movement (OPM): perhaps 100 armed.

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* May be for Coastguard.

JAPAN

GDP	1983/4: ¥ 280,257.0 bn ($1,182.1 bn)	
	1984/5: ¥ 298,084.0 bn ($1,220.7 bn)	
growth	1983/4: 5.1%	1984/5: 4.6%
Inflation	1984: 2.3%	1985: 2.1%
Debt	1984: $115.0 bn	1985: $148.0 bn
Def bdgt	1985/6: ¥ 3,137.00 bn ($14.189 bn)	
	1986/7: ¥ 3,345.00 bn ($20.129 bn)	
$1 = ¥	(1983/4): 237.078	(1984/5): 244.193
	(1985/6): 221.085	(1986): 166.180

¥ = yen

Population: 123,365,000

	18—30	*31—45*
Men:	11,000,000	15,285,000
Women:	10,900,000	15,220,000

TOTAL ARMED FORCES:
Regular: 243,000.
Terms of service: voluntary.
Reserves: Army 43,000; Navy 600.

ARMY: 155,000.
5 Army HQ (Regional Commands).
1 armd div.
12 inf divs (5 at 7,000, 7 at 9,000 men each).
2 composite bdes (1 hel-borne, 1 trg).
1 AB bde.
1 arty bde, 2 arty gps; 8 SAM gps (each of 4 btys).
1 sigs bde.
5 engr bdes.
Avn: 1 hel bde: 24 sqns. 2 ATK hel platoons forming.
Equipment:
Tks: some 470 Type 61 (retiring), some 600 Type 74 (increasing).
AFV: APC: 430 Type 60, 135 Type 73.
Arty: guns/how: 105mm: 330 (incl some 20 Type 74); 155mm: some 373 SP (incl 193 Type 75, 20 FH-70); 203mm: 92 (incl some 32 SP).
MRL: 130mm: some 60 Type 75 SP.
SSM: 50 Type 30.
mor: 81mm: 780; 107mm: 560 (some SP).
ATK: RCL: 75mm: 1,840; 84mm: *Carl Gustav*; 106mm (incl Type 60 SP).
ATGW: 220 Type 64, some 40 Type 79.
AD: guns: 35mm: 100 twin; 37mm; 40mm: (incl M-42 SP); 75mm.
SAM: 35 *Stinger*, some 15 Type 81 *Tan*, 70 *HAWK*, 130 *Improved HAWK*.
Avn: ac: 32: 21 LR-1 (Mitsubishi MU-2), 2 TL-1 (Fuji KM-2), 9 Cessna L-19.
hel: 390: 150 Fuji-Bell (10 AH-1S, 60 UH-1B, 80 UH-1H), 60 Kawasaki-Vertol 107, 180 Kawasaki-Hughes (30 TH-55, 150 OH-6D/J).
(On order: 60 Type 74 MBT; 16 Type 73 APC; 13 Type 75, 43 FH-70 (total 176 planned) 155mm, 12 M-110A2 203mm SP how; 12 Type 79 hy ATGW; 223 84mm RCL; 27 *Stinger*, 8 Type 81 *Tan* SAM launchers; 8 AH-1S ATK, 7 OH-6D lt, 5 UH-1H, 3 CH-47 Boeing-Vertol 414 (*Chinook*) tpt hel.)

NAVY: 44,000 (including naval air) plus 4,300 civilians.
Bases: Yokosuka, Kure, Sasebo, Maizuru, Ominato.
Subs: 15:
7 *Yüshio* (Type 573); 7 *Uzushio* (Type 566); 1 *Asushio* (Type 565) (to retire).
Destroyers: 34: 4 ASW gps.
1 *Hatakaze* (Type 171) DDG with 8 *Harpoon* SSM, *Tartar* SAM, 1 octuple *ASROC* ASW, hel deck.
2 *Shirane* (Type 143) with *Sea Sparrow* SAM, 1 octuple *ASROC*, 3 ASW hel;